

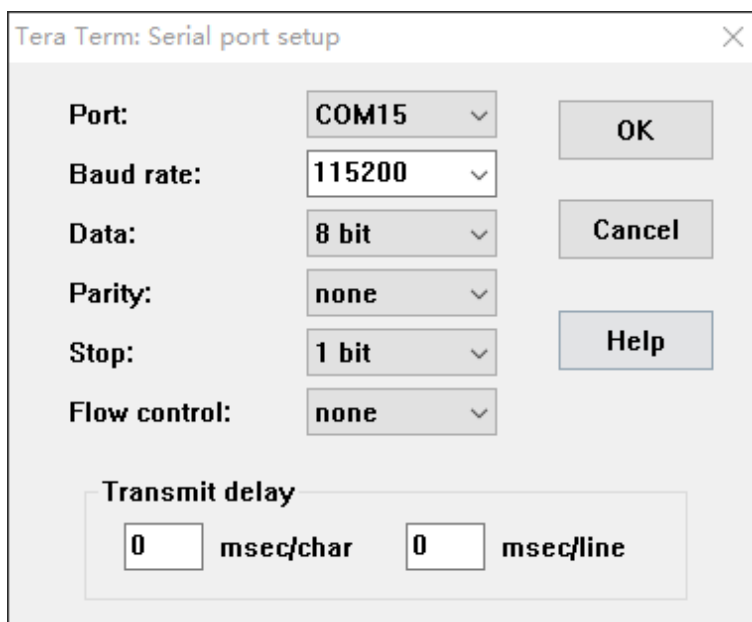
脈衝方向型微型步進馬達驅動器

STM32 驅動程式使用說明書

微型一體化步進馬達驅動器 STM32 驅動程式說明

串口連接

將 PC 機和STM32F103C8T6 連接，使用串口助手一類軟體，連接，
連接參數如下：



The image shows a screenshot of the 'Tera Term: Serial port setup' dialog box. The dialog has a title bar with the text 'Tera Term: Serial port setup' and a close button (X). The main area contains several configuration options, each with a label and a dropdown menu:

- Port: COM15
- Baud rate: 115200
- Data: 8 bit
- Parity: none
- Stop: 1 bit
- Flow control: none

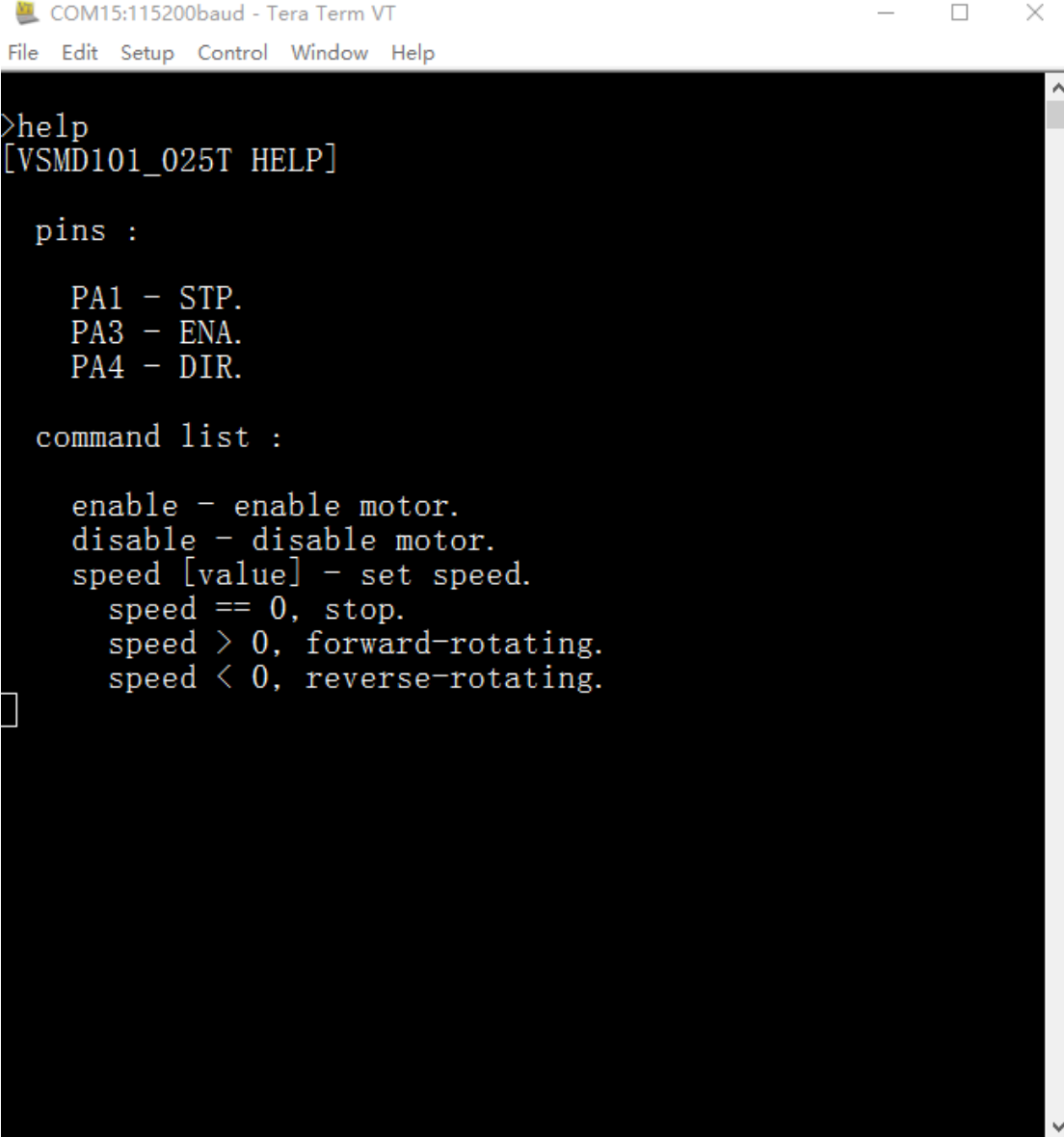
On the right side of the dialog, there are four buttons: 'OK', 'Cancel', 'Help', and a button that is partially obscured by the 'Flow control' dropdown.

Below the configuration options, there is a section titled 'Transmit delay' which contains two input fields:

- 0 msec/char
- 0 msec/line

命令格式

在串口程式中鍵入help 命令，顯示PIN 腳定義和命令格式，如下：



The screenshot shows a Tera Term VT window titled 'COM15:115200baud - Tera Term VT'. The window has a menu bar with 'File', 'Edit', 'Setup', 'Control', 'Window', and 'Help'. The main text area displays the output of the 'help' command:

```
>help
[VSMD101_025T HELP]

pins :

  PA1 - STP.
  PA3 - ENA.
  PA4 - DIR.

command list :

  enable - enable motor.
  disable - disable motor.
  speed [value] - set speed.
    speed == 0, stop.
    speed > 0, forward-rotating.
    speed < 0, reverse-rotating.
```

注意事項：

1. 速度要從小慢慢變大，如果突然高速運行，馬達可能帶不動。
 2. speed 命令前應該先鍵入enable 命令。
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